

APPLICATION OF COOPERATIVE LEARNING MODEL OF GROUP INVESTIGATION TO IMPROVE STUDENT LEARNING AND ACHIEVEMENT ON ELECTRICITY MOTOR CYCLE COURSE AT SMK MUHAMMADIYAH 1 BAMBANGLIPURO

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ABSTRACT

The study aims at determining whether using the Group Investigation model of cooperative learning can increase the activity and student achievement in the eyes of motorcycle electrical training students to class XI B motorcycle. Restrictions on the material that is performed only stater system and charging motorcycles.

This research is a type of classroom action research (TOD), a model of learning to do is cooperate with the Group Investigation method. Systematics research conducted by two cycles of each cycle lasted 4 x 45 minutes. Research subjects involved students of XI B class at SMK Muhammadiyah 1 Bambanglipuro which amounts to 28 students. The data was collected by observing at the time of the implementation of cooperative learning Group Investigation. The initial steps of learning to do was performing initial tests to determine students' initial ability, further division of the group is heterogeneous and discussion material is divided into six small groups. The next step of inter-group discussions was by presenting the findings and investigations in the field according to the topics of each group. The results of presentations and the liveliness of students would be judged by observing when learning takes place. At the end of the cycle do the final test to determine the increase in student learning outcomes at each cycle.

The results of this study indicate that the learning process with the Group Investigation method of cooperative model can increase the activity and student achievement, it can be seen on the learning process of students' activity in the cycle I amounting to 19.25% with a low category and an increase in cycle II for 55.56% with the high category. The results of student achievement on a cycle I have 21 students who received grades above KKM, the percentage of 75% with an average value of 69.82 and has not achieved success in a research study that is 100% of students scored ≥ 70 . In cycle II, an increase of 25% of all students numbered 28 people get the value corresponding KKM, the percentage of 100% with an average value of 77.14 and has achieved success at the time of the research done learning.